

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 25, 2003.

  
Attorney for Applicant(s)

PATENT APPLICATION

Docket No.:TUC920030066US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lyn Lequam Ashton et al. )  
)  
Serial No.: Not yet assigned )  
) Group Art  
Filing Date: August 25, 2003 ) Unit:  
)  
For: APPARATUS, SYSTEM, AND METHOD FOR )  
UTILIZING TAPE MEDIA SEGMENTATION )

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed

as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO-1449.

#### NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

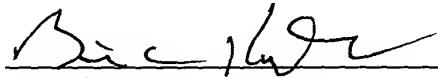
#### **JAPAN 10-232800**

**PROBLEM TO BE SOLVED:** To enable parallel access by shortening the waiting time of the user access to the same data while effectively and efficiently using a magnetic tape cartridge with a little non-used areas concerning a magnetic tape storage device for performing magnetic recording while using the mass data recordable magnetic tape cartridge.

**SOLUTION:** While also including a data area spread over plural cartridges CT1 and CT2 as the range of 'variable virtual volume' (the managing unit of data having variable or fixed size corresponding

to data capacity), this virtual volume LV1 is handled similarly to the variable virtual volumes dividing one cartridge of magnetic tape as well and data are managed for the unit of these variable virtual volumes. Besides, by storing data while dividing them into plural cartridges and by preparing plural decks MTE1 and MTE2, when the cartridges to be accessed are different, even in case of the same continuous data, the access from users more than two is enabled and parallel processing is performed.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Brian C. Kunzler', written over a horizontal line.

Brian C. Kunzler  
Reg. No. 38,527  
Attorney for Applicant

Date: August 25, 2003

Brian C. Kunzler  
10 West 100 South, Suite 450  
Salt Lake City, Utah 84101  
Telephone: 801/994-4646

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	SERIAL NO. Not yet assigned	ATTORNEY DOCKET NO. TUC920030066US1
	FILING DATE August 25, 2003	GROUP ART UNIT
	APPLICANT(S): Lyn L. Ashton et al.	

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,572,378	11/05/1996	Schwarz et al.	360/48	06/13/1994
	A2	5,710,676	01/20/1998	Fry et al.	360/72.1	03/12/1996
	A3	5,757,571	05/26/1998	Basham et al.	360/72.1	03/12/1996
	A4	6,031,698	02/29/2000	Bar	360/134	10/15/1997
	A5	6,204,987	03/20/2001	Dahlerud	360/74.6	06/24/1998
	A6	6,226,441	05/01/2001	Hartung et al.	386/46	01/24/1997

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO
	A7	10-232800	09/02/1998	Japan	G06F 12/00		

**NON-PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
	A14	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).